NOTE: Charts may only be saved to binary (type BIN) files that are 33 blocks in length. GRAPH IT! does not save a chart to an existing file that is not a binary file or is not of the correct length for a graphic file.

Print ⌘(P)—Select Print to send the current chart in memory to the printer as specified by any of the following print options:

- Double Height—With this option on, your graph will print 5¼″ high by 7¾″ wide rather than to the default settings of 2⅝″ high by 7¾″ wide.

- Double Strike—Select this for dark, clean print-outs. Each line is struck twice.

- Rotate—With this option on, your graph prints sideways.

- Double Width—When continuous form paper is used (as opposed to single sheets), select this option and print-outs may be much wider since they can print across multiple pages.

Quit ⌘(Q)—To quit the program and run another application.
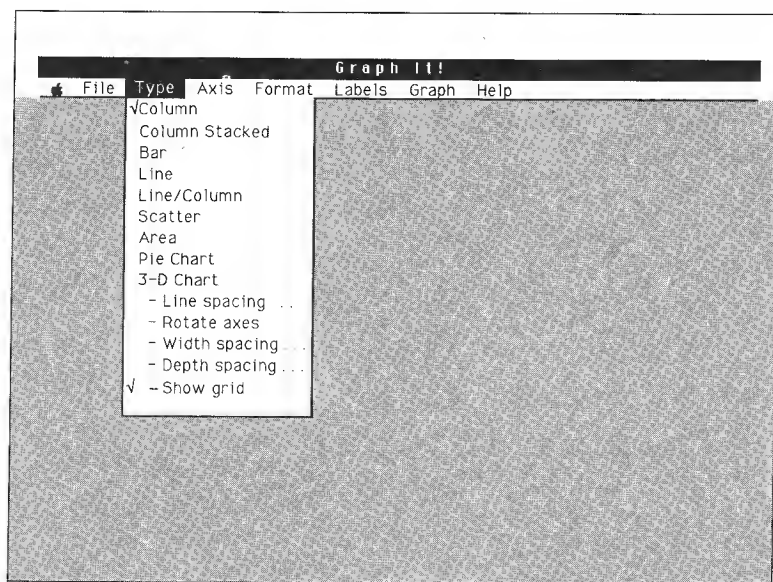
▨ The TYPE Menu

Figure 18

NOTE: See Chapter 8 for a description and sample of each graph type. Try each of them with sample data.

The 3-D options available are:

- **Line Spacing...** —To specify the number of lines drawn along the Y-Axis.

- **Rotate Axes**—To view a chart from a different angle, select this option and rotate the 3-D graph 90 degrees.

- **Width Spacing...** – Select this to specify the space or "room" between 3-D columns from side to side.

- **Depth Spacing...** – Choose this option to specify the space between 3-D columns from front to back.

- **Show Grid** – Select this to turn the grid background of the 3-D chart on or off. This is separate from the AXIS grid background options.
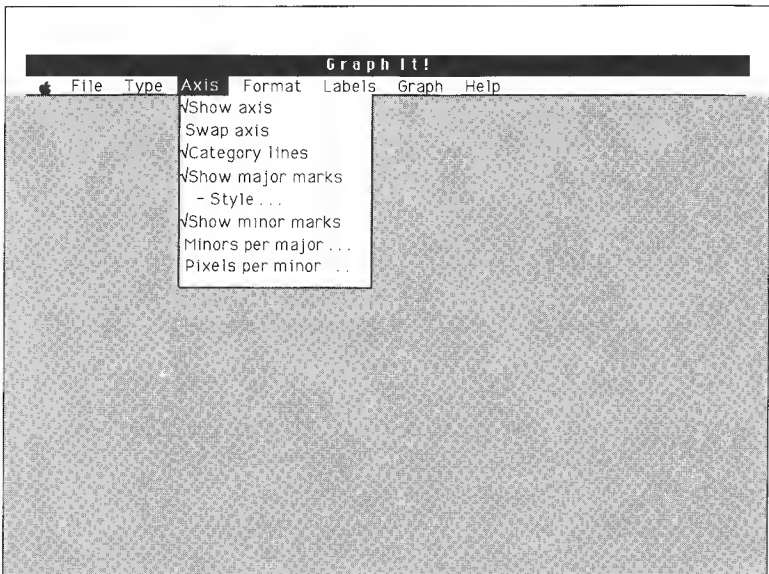
■ The AXIS Menu

Graph It!

File Type **Axis** Format Labels Graph Help

√Show axis
Swap axis
√Category lines
√Show major marks
  – Style ...
√Show minor marks
Minors per major ...
Pixels per minor ..

Figure 19

Show Axis—Select this option to toggle the Y-Axis lines ON or OFF.

Swap Axis—When you select this, the orientation of the Category and Legend names will be exchanged.

Category Lines—To turn the drawing of lines between categories (or groups of categories) of data ON or OFF, select this option.

Show Major Marks—Choosing this toggles the drawing of lines or "hash marks" on the Y-Axis as specified by Major Mark Style. . . either ON or OFF.

Major Mark Style—Select the markings that will denote the major division locations along the value axis with this option. The choices are:

- Small Hash Marks—about 1/16th-inch wide (the same width as a minor division mark).

- Large Hash Marks—about 1/8th-inch wide.

- Dotted Lines—draws dotted value lines across the chart.

- Solid Lines—draws solid value lines across the chart.

Show Minor Marks—Choosing this toggles the drawing of the minor division "hash marks" between major divisions ON or OFF.

Minors per Major. . . —Select the number of minor division hash marks drawn between major divisions with this option.

Pixels per Minor. .. . —To select the spacing in "pixels" between minor division marks, choose this. A pixel is the space allotted to an individual "dot" drawn on the screen.

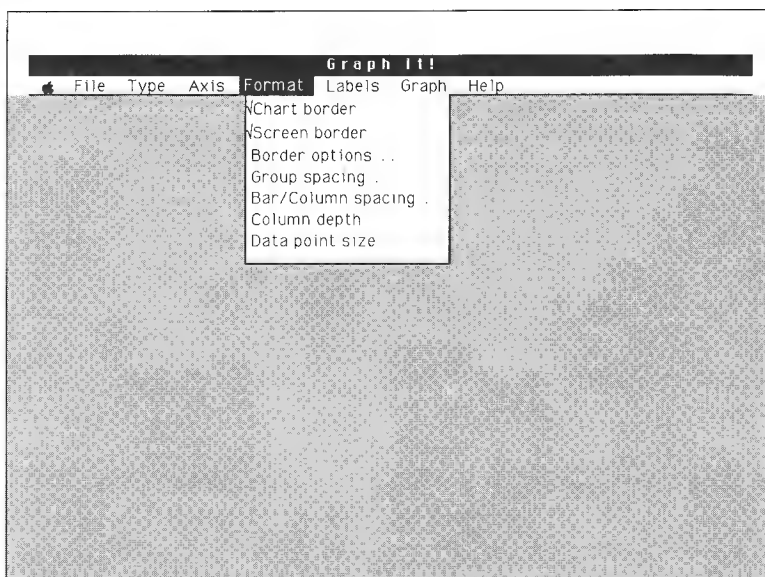NOTE: See Chapter 4 for a complete discussion of these features.

▧ The FORMAT Menu

Figure 20

Chart Border—Draws a border around the graph.

Screen Border—Draws a border around the entire screen.

Border Options. . .—Selecting this option produces a sub-menu that allows you to choose one of four screen borders:

- Thin Line

- Thick Line

- Pattern 1

- Pattern 2

Group Spacing. . .—To select the number of pixels between adjacent groups of charted data, choose this. Group Spacing applies only to Column and Bar graphs. Multiple Legend items selected at the same time are grouped by the selected Categories. The default spacing is two pixels.

Bar/Column Spacing. . .—Select this option to select the number of pixels between adjacent bars or columns. Bar/Column Spacing only applies to Column and Bar graphs. Select None, 2, 4 or 8 pixels when the sub-menu appears.

Column Depth. . .—To add third dimensional depth to column charts, choose this. If Column Depth is selected, negative numbers will be treated as zeroes. The Column Depth default is zero.

Data Point Size... – Specify the size of the data points used in Line and Scatter charts with this option. You won't be able to see the legend pattern at sizes smaller than three pixels.
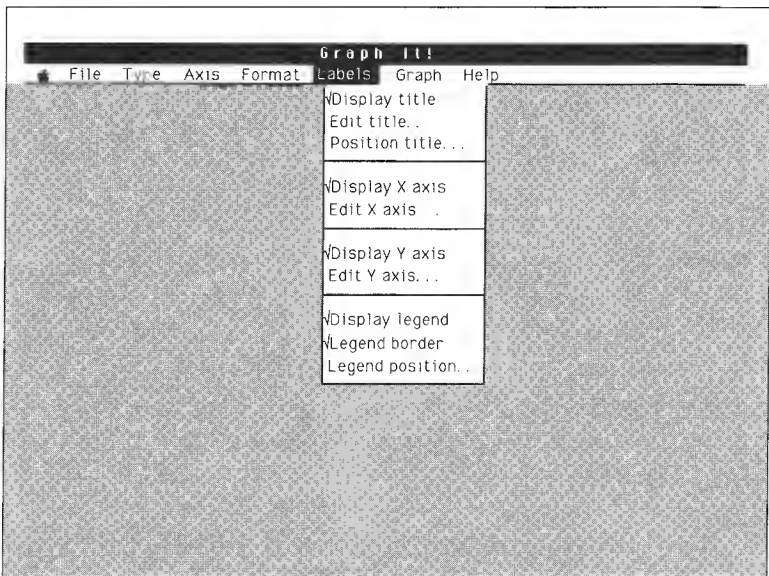
■ The LABELS Menu


```
                        Graph  It!
  ❡  File  Type  Axis  Format  Labels  Graph  Help
                              √Display title
                              Edit title..
                              Position title...

                              √Display X axis
                              Edit X axis   .

                              √Display Y axis
                              Edit Y axis...

                              √Display legend
                              √Legend border
                              Legend position..
```

Figure 21

Display Title – Toggles the display of the chart title on or off.

Edit Title... —Select this to open the Edit Label window, in the Edit mode. The guidelines for editing a label are as follows:

- The cursor will be to the left of the current label.

- Typing over existing characters replaces the characters.

- Use the (→) key to include existing characters.

- The (**DELETE**) key deletes to the left.

- Press (**RETURN**) when finished typing to enter the label.

NOTE: Only the characters to the left of the cursor will be included when you press (**RETURN**). Pressing (**RETURN**) immediately after the Edit Label window opens will exit without changing the existing label.

Position Title... —Select this to decide where the chart's title will appear: at the top or bottom of the chart, left or center justified.

Display X-Axis—Turns the display of the X-Axis label on and off.

Edit X-Axis... —This option works the same way as Edit Title, but on the X-Axis label.

Display Y-Axis—Toggles the display of the Y-Axis label ON or OFF.

Edit Y-Axis...–This option works the same way as Edit
Title, but on the Y-Axis label.

Display Legend–Select this to turn the Legend ON or
OFF. GRAPH IT! automatically sizes the legend up to a
maximum of twenty names. The more legend items
selected, the more space will be taken up on the screen by
the Legend.

Legend Border–Toggles the legend border ON or OFF.

Legend Position...–Select this to open the Legend
Position window. This option allows you to select where
the legend will appear–at the top, bottom, left or right of
the chart.

■ The GRAPH Menu

Figure 22

Graph ⌘ **G** — Select this to draw the current chart on the double high resolution screen while you are viewing it.

View Current Graph ⌘ **V** — To view the graph currently in memory without re-drawing it, select this option. Any changes made in the selection of various graph or drawing options since the graph was drawn will not be displayed.